



North America Emission Control Area Fuel Oil Non-Availability Report

Date of Issue: Tuesday, 22nd of October of 2013

Field No	Field Name	
1	Report Form ID	ECA0100
2	Ship Operator Name	MUR SHIPPING BV
3	Vessel Name	MV GENCO PROVENCE (EX MESSIDOR)
4	Flag Country	MARSHALL ISLANDS
5	IMO ID Number	9316220
6	Date of ECA First Notice	10/18/2013
7	Location of ECA First Notice	PONTA DO UBU
8	Name of Ports after First Notice	HOUSTON
9	Name of Last Port before ECA Entry	PONTA DO UBU
10	Name of Port with Fuel Oil Supply Disruption	NA
11	Name of Original Fuel Supplier with Disruption	NA
12	Number of Fuel Suppliers Contacted	NA
13	Date of Entry in the ECA	11/17/2013 TBC
14	Time of Entry in the ECA	12:00 LT TBC
15	Sulfur Content of Non-Compliant Fuel Oil	AS PER ATTACHED: BUNKER DELIVERY NOTE 1.28% & VISWA LAB ANALYS REPORT 1.25%
16	Projected Hours on Main Propulsion	33 HOURS
17	Name of First POC	HOUSTON
18	Compliance Fuel Oil Available at First POC?	YES
19	Plan to Bunker Compliant Fuel Oil at First POC?	YES
20	Number of fuel suppliers contacted at First POC	1 – CONTACT DETAILS ATTACHED
21	Name of Second POC	NA
22	Compliant Fuel Oil at Second POC?	NA
23	Plan to Bunker Compliance Fuel Oil at Second POC?	NA
24	Number of Fuel Suppliers Contacted at the Second POC?	NA
25	Date of Exit from ECA?	11/24/2013
26	Time of Exit from ECA?	12:00 LT TBC
27	Has this vessel operated in the ECA in previous 12 months?	NOT WITH THIS OPERATOR
28	Number of Separate Visits to the ECA	NA
29	Number of Ports visited in the ECA	NA
30	Previously submitted ECA0100 forms?	NA
31	Number of Submitted Reports	NA
32	Designated Corporate Official Name	MR. FERNAO ALEXANDRE BERTOLI
33	Designated Corporate Official E-mail	OPS.AE@MURSHIP.COM
34	Designated Corporate Official Phone Number	97143415701
35	Description of Actions to Achieve Compliance	Stem for ECA compliant fuels will be placed at the first POC, to be supplied at port limits



GENCO PROVENCE ITINERARY

Vessel: Genco Provence Voyage No. 1 C/P date 30/07/13 Cargo IRON ORE
Charterer: Samarco Mineracao Fixture No FBV15194 Form Updated 08/11/13 FAB
Broker: Mid-Ship Marine, Inc Lay/can 20/10/13/29/10/13 Allow Change of Fuel Grades

0 more record(s)

Port	Code	date	time	Bunker ...	Arrival Qua...	Departure ...	Lift status	Normal bun...	Owner...	Found	Total Lifted
1	PONTA DO UBU	LP	Arr. 18/10/13 Fri 02:15	HSIFO	647.168	622.300					
			Dep. 27/10/13 Sun 18:30	HSMDO							
				LSIFO	44.731	44.731					
				LSMDO							
Actual/details				Actual							
Comments				Description							
Agents:				Date							
LBH Brasil (Prev ...)				User ID							
1 Card											
2	HOUSTON	DP	Arr. 14/11/13 Thu 23:30	HSIFO	208.369	653.369 Budget		470.000			470.000
			Dep. 20/11/13 Wed 11:30	HSMDO							
				LSIFO		45.000 Budget		45.000			45.000
				LSMDO							
ETA/details				Nominated							
Comments				Description							
Agents:				Date							
				User ID							
2 Card											

Calc. port stay 4.26

Actual port stay 4.68

Distance 5.156

Offhire 0.96528

Calc. port stay 6.00

Actual port stay 5.50

Distance

Offhire 0.00



PETRÓLEO BRASILEIRO S.A.
PETROBRAS

SUPPLY AREA - MARKETING AND COMMERCIALIZATION

(Abastecimento - Marketing & Comercialização)

PETROBRAS MARINE - BUNKERING DEPARTMENT

Tel: (5521) 3224-4333

A.O.H.: (5521) 9972-6103

FAX: (5521) 3224-3976/ 2262 8134

E-mail: bunker@petrobras.com.br

The goods and/or services being here by acknowledged, receipted for and/or ordered are being accepted and/or ordered solely for the account of charterers Messrs. Atlas Shipping and not for the account of said ship or her owners. Accordingly, no lien or other claim against said ship can arise therefrom.

BUNKER DELIVERY NOTE - BDN
(Comprovante de Fornecimento a Navio - CFN)

FILL IN WITH BLOCK CAPITALS - WITHOUT ANY AMMENDMENT

(Preencher com letras de forma - não rasurar o CFN)

BDN NUMBER (Nº do CFN)		SHIP'S NAME (nome do navio)		SHIP'S IMO NUMBER (número IMO do navio)	
4804/2013		GENCO PROVENCE		9316220	
CUSTOMER (cliente)			FLAG (bandeira)		
PIONEER NAVIGATION LTD			I. MARSHALL		
SHIP'S SAMPLE SEAL Nº (Nº lacre amostra navio)		PETROBRAS'S SAMPLE SEAL Nº (Nº lacre amostra Petrobras)		MARPOL'S SAMPLE SEAL Nº (Nº lacre amostra Marpol)	
0014473		0014448		0014458	
SUPPLY POINT (local de fornecimento)		PORT (porto)		ORIGIN (origão)	
PARANAGUÁ - PR - AZ 09		PARANAGUÁ - PR		TA/PR-SC/PARANAG.	
PROCESS NUMBER (Nº do processo)			PRODUCT (produto)		
2013C12865701			MF 380		
DELIVERED QUANTITY (quantidade fornecida)					
OBSERVED VOLUME (volume ambiente)		VOLUME AT 20 °C (volume a 20 °C)		QUANTITY (quantidade)	
208,053 L		204,225 L		200,038 MT	
SPECIFIC GRAVITY AT 20 °C (densidade a 20 °C)	SPECIFIC GRAVITY AT 15 °C (densidade a 15 °C)	KINEMATIC VISCOSITY (viscosidade cinemática)		FLASH POINT (ponto de fulgor)	SULPHUR CONTENT (teor de enxofre)
0,9795	0,9827	217,0 cSt at 50,0 °C		102,0 °C	1,28 %m/m
OPERATION (operação)					
DELIVERY BY (entrega por)		START (início)		END (término)	
BARGE NAME (nome da balsa)	TWB I	DATE (data) (DD/MM/YYYY)	13/10/2013	DATE (data) (DD/MM/YYYY)	13/10/2013
PIPELINE (oleoduto)	*****	TIME (horário)	17:45	TIME (horário)	18:50
TRUCK (caminhão)	*****				
IMPORTANT: CLAIMS WILL ONLY BE ACCEPTED IF RECEIVED WITHIN 21 (TWENTY ONE) DAYS FROM DELIVERY DATE. (Atenção! As reclamações somente serão consideradas quando recebidas dentro de 21 dias corridos da data do fornecimento).					
LETTER OF PROTEST WAS ISSUED (foi emitida carta protesto): YES/sim [] NO/não [X]					
THE BUNKER HEREIN SUPPLIED IS IN CONFORMITY WITH REGULATIONS 14 AND 18(1) OF MARPOL 73/78 (1997) ANNEX VI (O bunker aqui fornecido atende aos regulamentos 14 e 18 (1) da MARPOL 73/78 (1997) Anexo VI).					
NAMES IN BLOCK CAPITALS SIGNATURES AND STAMPS (nomes, assinaturas e carimbos)					
SHIP'S REPRESENTATIVE (representante do navio)			PETROBRAS'S REPRESENTATIVE (representante da PETROBRAS)		
G. Nosenko ch. engineer 13.10.13			Rafael Adson de Oliveira Bunkering Paranaguá S.A. MNC Brasil		

2ª VIA NAVIO - AZUL

ED_002238_00003347-00003



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The goods and/or services being here by acknowledged, receipted for and/or ordered are being accepted and/or ordered solely for the account of charterers and not for the account of said ship and no other claim against said ship can arise therefrom.

Mens: *Atlas Shipping*
BUNKER DELIVERY NOTE - BDN
(Comprovante de Fornecimento a Navio - CFN)

FILL IN WITH BLOCK CAPITALS - WITHOUT ANY AMMENDMENT
(Preencher com letras de forma - não rasurar o CFN)

BDN NUMBER (Nº do CFN)		SHIP'S NAME (nome do navio)		SHIP'S IMO NUMBER (número IMO do navio)	
5379/2013		GENCO PROVENCE		9316220	
CUSTOMER (cliente)			FLAG (bandeira)		
OW BUNKER MIDDLE EAST			I. MARSHALL		
SHIP'S SAMPLE SEAL Nº (Nº lacre amostra navio)		PETROBRAS'S SAMPLE SEAL Nº (Nº lacre amostra Petrobras)		MARPOL'S SAMPLE SEAL Nº (Nº lacre amostra Marpol)	
0014471		0014500		0014444	
SUPPLY POINT (local de fornecimento)		PORT (porto)		ORIGIN (origem)	
PARANAGUÁ - PR - AZ 09		PARANAGUÁ - PR		TA/PR-SC/PARANAG.	
PROCESS NUMBER (Nº do processo)			PRODUCT (produto)		
2013C12865701			ME 380		
DELIVERED QUANTITY (quantidade fornecida)					
OBSERVED VOLUME (volume ambiente)		VOLUME AT 20 °C (volume a 20 °C)		QUANTITY (quantidade)	
520,053 L		510,484 L		500,019 MT	
SPECIFIC GRAVITY AT 20 °C (densidade a 20 °C)		SPECIFIC GRAVITY AT 15 °C (densidade a 15 °C)		KINEMATIC VISCOSITY (viscosidade cinemática)	
0,9795		0,9827		217,0 cSt at 50,0 °C	
				FLASH POINT (ponto de fulgor)	
				102,0 °C	
				SULPHUR CONTENT (teor de enxofre)	
				1,28 %m/m	
OPERATION (operação)					
DELIVERY BY (entrega por)		START (início)		END (término)	
BARGE NAME (nome da balsa)		DATE (data) (DD/MM/YYYY)		DATE (data) (DD/MM/YYYY)	
TWE 1		13/10/2013		18/10/2013	
PIPELINE (oleoduto)		TIME (horário)		TIME (horário)	
*****		15:20		17:30	
TRUCK (caminhão)					

IMPORTANT: CLAIMS WILL ONLY BE ACCEPTED IF RECEIVED WITHIN 21 (TWENTY ONE) DAYS FROM DELIVERY DATE. (Atenção! As reclamações somente serão consideradas quando recebidas dentro de 21 dias corridos da data do fornecimento).					
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G. Nosenko chief engineer 13.10.13			Rafael Jadsen da Silva Bunkering Particulars S.A. MNC		

VISWA LAB analys report

Message Received on Board 18/10/2013 1:46:06 PM 47.75 kbits

Date: 18/10/2013 1:29:00 PM

From: customerhelp@viswalab.com

To: V7JU2@globeemail.com <V7JU2@globeemail.com>

To: GProvencevc@vships.com <GProvencevc@vships.com>

Priority: Normal

Subject: Report:H131075759 - GENCO PROVENCE(IMO No: 9316220) - IFO380-RMG380 : Specifications Met EFN:

FROM
VISWA LAB

TO
V SHIPS UK (GENCO)

ATTN: Technical Department

Vessel Name : GENCO PROVENCE(IMO No: 9316220)
VLC Log No : H131075759
Place & Date Sent : CURITIBA, BRAZIL ; 15-Oct-2013
Date Received at VL : 17-Oct-2013

CUSTOMER FURNISHED DATA:

Bunker Port & Date : PARANAGUA-BRAZIL ; 03-Oct-2013
Bunker Supplier : BR PETROBRAS
Barge : TWB I
Sample Grade : IFO380-RMG380
Sample Seal No : 0715004 - Sealed
Bunker Quantity : 200.038 MT
Bunker Density @15°C : 982.7 kg/m3
Bunker Viscosity @50°C : 217.0 cSt
Sulphur Content : 1.28 %
Source of the sample : MANIFOLD
Sampling Method : DRIP

SPECIFIED PARAMETERS FOR IFO380-RMG380 & TEST RESULTS

Parameters	Units	Test Results	Specification Limits
Density @ 15°C	kg/m3	985.4	(991.0 Max)
viscosity @50°C	cSt	217.4	(380.0 Max)
Upper Pour Point	°C	-3	(30 Max)
Carbon Residue	% (mass)	8.85	(18.00 Max)
Ash	% (mass)	0.010	(0.150 Max)
Water	% (vol)	0.10	(0.50 Max)
Sulphur	% (mass)	1.25	(3.50 Max)
Total Sediment Pot.	% (mass)	0.01	(0.10 Max)
Vanadium	ppm	18	(300 Max)
Al + Si	ppm	3	(80 Max)
Flash Point	°C	> 70	(60 Min)
Calcium	ppm	< 1	(- Max)
Zinc	ppm	< 1	(- Max)
Phosphorus	ppm	< 1	(- Max)

ADDITIONAL PARAMETERS

Parameters	Test Results	Units
viscosity @100°C	24.8	cSt
API Gravity	12.02	
Sodium	< 1	ppm
Aluminium	2	ppm
Silicon	1	ppm
Iron	4	ppm
Lead	< 1	ppm

VISWA LAB analysis report

Nickel	14	ppm
Magnesium	< 1	ppm
Potassium	< 1	ppm

CALCULATED VALUES

Parameters	Computed Val	Units
Net specific energy	40.83	MJ/kg
Gross specific energy	43.17	MJ/kg
CCAI	852	
Temperature at injection (for 13 cst)	123	°C
Minimum Transfer Temperature	35	°C

Engine Friendliness Number (EFN : 1 to 100) : 77

CONFORMANCE:

The fuel sample tested conforms to Table 2 of ISO 8217:2005 specifications for grade IFO 380 ~ RMG 380

COMMENTS:

SUGGESTIONS & RECOMMENDATIONS TO SHIP OWNERS/OPERATORS/TECHNICAL STAFF

Temperature for injection viscosity of 8 cst is 145°C.
 Temperature for injection viscosity of 10 cst is 134°C.
 Temperature for injection viscosity of 11 cst is 130°C.
 Temperature for injection viscosity of 12 cst is 126°C.
 Temperature for injection viscosity of 13 cst is 123°C.
 Temperature for injection viscosity of 15 cst is 117°C.
 Temperature for injection viscosity of 18 cst is 111°C.
 Temperature for injection viscosity of 20 cst is 107°C.

POUR POINT

Observation:

Heat and store this fuel at 10°C above the measured pour point temperature.

SULFUR

Observation: This fuel has low sulfur.

High alkalinity of some cylinder oils can cause scuffing and excess wear of cylinder liners.

Make sure cylinder oil used can handle low sulfur fuel.

CCAI

Observation: Ignition delay is indicated by CCAI greater than 840 for medium-speed engines and greater than 870 for low-speed engines.

OVERALL QUALITY:

Engine Friendliness Number (EFN) is a unique bench-mark of fuel quality evaluated by VISWA LAB from the point of view of engine wear and tear resulting from the use of this fuel. Based on EFN, which is calculated from the analysis results listed in this report, the quality of this fuel is good.

NOTE: The conformance of this fuel to the contracted specifications may have no relationship to the evaluation of this fuel based on EFN.

VISWA LAB analys report

Questions?

Viswa Lab Houston; Tel - +1 713 842 1985; Email - customerhelp@viswalab.com

Viswa Lab Singapore; Tel - +65 6778 7975; Email - singapore@viswalab.com

REPORT PREPARED AND APPROVED BY VISWA LAB TECHNICAL DEPARTMENT.

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Viswa Lab Houston is an ISO 17025 laboratory accredited by Perry Johnson Laboratory Accreditation Inc, Certificate# L11-212.

Received: from INT at Globe wireless;

Fri, 18 Oct 2013 13:22 UTC

Message-id: 798997017

ATTACHMENTS:



LAST SUPPLIERS CONTACT DETAILS

PETRÓLEO BRASILEIRO S.A. (PETROBRAS)

Petrobras Marine – Bunkering department
Avenida República do Chile, nº 65, Centro
CEP: 20031-912
Rio de Janeiro – RJ
Brazil

Telephone: (55 21) 3224-4477 / (5521) 3224-4333

A.O.H.: (5521) 99972-6103

Fax: (5521) 3224-3976 / 2262-8134

E-mail: bunker@petrobras.com.br



BUNKER SUPPLIER IN US GULF

NUSTAR ENERGY SERVICES INC.

PO BOX 781609

San Antonio TX. 78248

Telephone: (210) 918-2455 / (210) 918-2811



NuStar Energy Services Inc.
PO BOX 781609
San Antonio TX. 78248

SALES AGREEMENT

Organizational Data

Deal Sheet No.: 20147785
Contract No.: 40208824
Sold to: 109417
MUR SHIPPING BV
C/O MUR SHIPPING (RSA)
187 RIVONIA ROAD
MORNINGSIDE, SANDTON
JOHANNESBURG, 2196
SOUTH AFRICA

Contract Terms

Payment Terms: WIRE 30 CAL DAYS FROM DELIVERY
Interest of 18% per annum will apply to late payments
Vessel: GENCO PROVENCE
ETA Date: 11/15/2013 00:00:00 to 11/20/2013 00:00:00
Port: HOUSTON
Agent: K&C SHIPPING
Broker: LQM PETROLEUM SERVICES INC
Nomination Date: 11/07/2013

NuStar Energy Services Inc. ("Seller") agrees to sell and deliver, and MUR SHIPPING BV ("Buyer"), agrees to purchase, receive, and pay for the following product(s) in accordance with the terms and provisions of this Sales Agreement and the General Terms and Conditions incorporated herein by this reference. Copy available upon request.

ITEM 000010

Material IFO380 Intermediate Fuel Oil 380
Quantity 450.000 to 500.000 MT
Rate 576.000000 MT
Item Note:

ITEM 000020

Material IFO380LS Low Sulfur IFO380
Quantity 45.000 MT
Rate 627.000000 MT
Item Note:

SECONDARY CHARGES

Harbor fees-IFO	30.400000	US\$	per	1 EA
Security fee	0.035000	US\$	per	1 MT
Wharfage fee	0.280000	US\$	per	1 MT
Barging + surcharge	10.168000	US\$	per	1 MT
Barging + srchg(min)	10,980.200000	US\$	per	1 EA

Quality:
All fuel oil supplied is in accordance with specifications set by ISO 8217: 2010(E) and conforms to regulations 14 and 18 of Annex VI of MARPOL 73/78 unless otherwise noted.

Samples:
MARPOL sample will be taken in accordance with supplier's commercial sampling procedures.

Notes:
By accepting the above described bunkers, the purchaser agrees that it may not set off against the purchase price of the bunkers any sums the purchaser contends are owed to it by NuStar Energy Services Inc. for any reason.

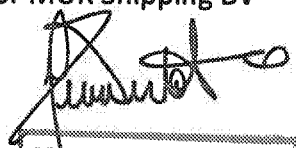

Sales And Use Tax Exemption: Fuel sold under this agreement will be used to operate vessels in interstate or foreign commerce. Any vessel not operated in interstate or foreign commerce will be responsible for any and all taxes associated with the delivered bunker fuel.



22 October 2013

I certify under penalty of law that the statements and information made herein are, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines and imprisonment pursuant to 18 U.S.C. § 1001.

for MUR Shipping BV

MR. Fernão Alexandre Bertoli

Operator

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M +971 50 451 1862

www.murship.com

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